



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: William M. CANFIELD

SERIAL NO: 10/657,280

FILED: September 9, 2003

FOR: GLCNAC PHOSPHOTRANSFERASE OF THE LYSOSOMAL TARGETING PATHWAY

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- The applicant(s) wish to make of record the references listed on the attached International Search Reports and on Form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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SHEET 1 OF 2

Form PTO 1449 (Modified)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO. 241990US77DIV		SERIAL NO. 10/657,280	
LIST OF REFERENCES CITED BY APPLICANT			APPLICANT William M. CANFIELD						
			FILING DATE September 9, 2003				GROUP		
<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	AA								
	AB								
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<b>FOREIGN PATENT DOCUMENTS</b>									
		DOCUMENT NUMBER	DATE	COUNTRY		TRANSLATION		YES	NO
	AO								
	AP								
	AQ								
	AR								
	AS								
	AT								
	AU								
	AV								
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>									
	AW	Sasaki, K., et al., "Expression cloning of a novel alpha 2,3-sialyltransferase using lectin resistance selection. J. Biol. Chem., October 1993, Vol. 268, No. 30, pages 22782-22787							
	AX	Michel, B., et al., "Selection of an expression host for human glucocerebrosidase: importance of host cell glycosylation. UCLA Symposia on Molecular and Cellular Biology, 1990, Vol. 111 (Glycobiology), pages 159-172.							
	AY	Stanley, P., et al., "Selection and characterization of eight phenotypically distinct lines of lectin-resistant chinese hamster ovary cells. Cell, October 1975, Vol. 6, No. 2, pages 121-128.							
	AZ	Zhao, K.W., et al., "Purification and Characterization of Human Lymphoblast N-acetylglucosamine-1-phosphotransferase. Glycobiol. 1992, Vol. 2, No. 2, pages 119-125							
								<input type="checkbox"/> Additional References sheet(s) attached	



SHEET 2 OF 2

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 241990US77DIV	SERIAL NO. 10/657,280		
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	BA						
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<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
	BO				YES	NO	
	BP						
	BQ						
	BR						
	BS						
	BT						
	BU						
	BV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	BW	Mullis, K.G., Purification and Kinetic Parameters of Bovine Liver N-acetylglucosamine-1-phosphodiester-alpha-N-acetylglucosaminidase. J. Biol. Chem., January 1994, Vol. 269, No. 3, pages 1718-1726.					
	BX	Do, H. et al., "Human Mannose 6-Phosphate-uncovering Enzyme is Synthesized as a Proenzyme that is Activated by the Endoprotease Furin. August 2002, J. Biol. Chem., Vol. 277, No. 33, pages 29737-29744.					
	BY	Lee, W.S., "Multiple Signals Regulate Trafficking of the Mannose 6-Phosphate-uncovering Enzyme", February 2002, Vol. 277, No. 5, pages 3544-3551					
	BZ				<input type="checkbox"/> Additional References sheet(s) attached		
Examiner				Date Considered			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							